

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

M/S 532

OCT 06 1983

Delfim Dias
Sohio Petroleum Company
311 C Street
Anchorage, Alaska 99502

Dear Mr. Dias:

We have evaluated your June 2, 1983 letter regarding some variations to the turbines and process heaters. Based on the information submitted, our technical staff has determined that the variations in turbine and heater sizes will not result in an increase of emissions or in maximum impacts for the project. Therefore, the variations are approved.

Also, enclosed is a PSD permit tracking report that addresses the installation of turbines and heaters at the various pump stations that differ in size and configuration from that stated in PSD permits issued for SOHIO's North Slope activities. Our February 22, 1980 letter to your Company stated that emission limits imposed in all PSD permits would be based on the worst case impact scenario. This gave your Company the flexibility to take into account changes due to cost, turbine availability and technical/engineering considerations which were unknown at the time the PSD permit application was submitted. Furthermore, because these worst case conditions have been examined and the actual installation may have less impact than the permitted installation, we indicated that a change in the turbine configuration would not require public participation as long as the variation is within the scope of the application.

I suggest that your staff review the tracking report for completeness and update the report based on future purchases. This tracking mechanism will enable all regulatory agencies and your Company to visualize and evaluate the impact from all the major sources operating in Prudhoe Bay, Alaska on a case by case basis.

Now that the specific sized units are ordered and known, these units should be modeled to determine the actual air quality impacts. We would appreciate an evaluation of known unit impacts by January 1984 to properly take into account air quality degradation.

Final:Nye:kaf:10/5/83:#4980X

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CONCURRENCES							
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EPA Form 1320-1 (12-70)

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If you have any questions, please feel free to contact Raymond Nye of my staff at (206) 442-7154.

Sincerely,

Michael M. Johnston, Chief
Air Operations Section

Enclosure

cc: Kathy Pazera, AOO
Dave Estes, ADEC